

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A method for scheduling transactions within a computing system, comprising the steps of:
 - 5 - receiving a transaction request from a client,
 - determining the idle server process that most recently finished execution of a previous transaction, and forwarding the transaction request to the most recently idle process.
- 10 2. A method in accordance with claim 1, further comprising the step of storing the most recent finish time and the status of a server process.
3. A method in accordance with claim 1 or 2, whereby the method is implemented as a sub-module within a gateway process module, whereby the gateway module is responsible for receiving transaction requests from a client, and allocating the requests to server processes.
- 15 4. A method in accordance with claim 3, the method further comprising the step of storing the most recent finish time and the status of a server process.
5. A method in accordance with any one of the preceding claims, wherein the method is implemented as a software module arranged to operate in an enterprise application environment.
- 25 6. A method in accordance with any one of the preceding claims, wherein each server process interacts with a separate central processing unit.
7. A system for scheduling transactions within a computing system, comprising:
 - 30 - a transaction request means arranged to receive a transaction request from a client;

- determination means arranged to determine the idle server process that most recently finished execution of a previous transaction; and

- 5 - forwarding means arranged to forward the transaction request to the most recently idle process.

8. A computer program arranged, when loaded onto a computer, to instruct the computer to operate in accordance with a system for scheduling transactions within a computing system, comprising:

- 10 - a transaction request means arranged to receive a transaction request from a client;

- determination means arranged to determine the idle server process that most recently finished execution of a previous transaction; and

- 15 - forwarding means arranged to forward the transaction request to the most recently idle process.

9. A computer readable medium having a computer readable program code embodied therein for causing a computer to operate in accordance with a system for scheduling transactions within a computing system, comprising:

- 20 - a transaction request means arranged to receive a transaction request from a client;

- determination means arranged to determine the idle server process that most recently finished execution of a previous transaction; and

- 25 - forwarding means arranged to forward the transaction request to the most recently idle process.